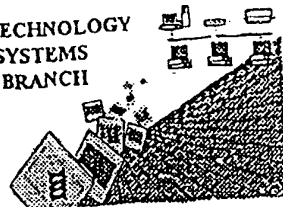




BIOTECHNOLOGY  
SYSTEMS  
BRANCH



## RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number: 10/840,134  
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IFWO

## RAW SEQUENCE LISTING

DATE: 05/13/2004

PATENT APPLICATION: US/10/840,139

TIME: 12:36:49

Input Set : A:\IRF6.ST25.txt

Output Set: N:\CRF4\05132004\J840139.raw

3 <110> APPLICANT: Schutte, Brian C.  
 4 Murray, Jeffrey C.  
 5 Kondo, Shinji  
 6 Dixon, Michael J.  
 8 <120> TITLE OF INVENTION: IRF6 POLYMORPHISMS ASSOCIATED WITH CLEFT LIP AND/OR PALATE  
 10 <130> FILE REFERENCE: P06215US01  
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/840,139  
 13 <141> CURRENT FILING DATE: 2004-05-06  
 15 <150> PRIOR APPLICATION NUMBER: US 60/468,191  
 16 <151> PRIOR FILING DATE: 2003-05-06  
 18 <160> NUMBER OF SEQ ID NOS: 3  
 20 <170> SOFTWARE: PatentIn version 3.2  
 22 <210> SEQ ID NO: 1  
 23 <211> LENGTH: 2171  
 24 <212> TYPE: DNA  
 25 <213> ORGANISM: Homo sapiens  
 28 <220> FEATURE:  
 29 <221> NAME/KEY: variation  
 30 <222> LOCATION: (3)..(3) *OK*  
 31 <223> OTHER INFORMATION: G to A (exon 3) ✓  
 33 <220> FEATURE:  
 34 <221> NAME/KEY: variation  
 35 <222> LOCATION: (5)..(5)  
 36 <223> OTHER INFORMATION: C to T (exon 3) *"C" is shown at location 5, not "G"*  
 38 <220> FEATURE:  
 39 <221> NAME/KEY: variation  
 40 <222> LOCATION: (17)..(17) ✓  
 41 <223> OTHER INFORMATION: 17ins(C) (exon 3)  
 43 <220> FEATURE: *glut*  
 44 <221> NAME/KEY: variation  
 45 <222> LOCATION: (48)..(48)  
 46 <223> OTHER INFORMATION: A to T (exon 2) *"A" is at location 48*  
 48 <220> FEATURE:  
 49 <221> NAME/KEY: variation ✓  
 50 <222> LOCATION: (49)..(49)  
 51 <223> OTHER INFORMATION: 49del (CAGGTGGATAGTGGCC (exon 3)  
 53 <220> FEATURE:  
 54 <221> NAME/KEY: variation  
 55 <222> LOCATION: (52)..(52)  
 56 <223> OTHER INFORMATION: G to A (exon 3) *"G" is shown at location 52, not "A"*  
 58 <220> FEATURE:  
 59 <221> NAME/KEY: variation  
 60 <222> LOCATION: (53)..(53)

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/840,139

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TIME: 12:36:49

Input Set : A:\IRF6.ST25.txt

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61 <223> OTHER INFORMATION: T to C (exon 3)  
63 <220> FEATURE:  
64 <221> NAME/KEY: variation  
65 <222> LOCATION: (69)..(69)  
66 <223> OTHER INFORMATION: C to A (exon 3)  
68 <220> FEATURE:  
69 <221> NAME/KEY: variation  
70 <222> LOCATION: (115)..(115)  
71 <223> OTHER INFORMATION: C to G (exon 3)  
73 <220> FEATURE:  
74 <221> NAME/KEY: variation  
75 <222> LOCATION: (178)..(178)  
76 <223> OTHER INFORMATION: T to G (exon 4)  
78 <220> FEATURE:  
79 <221> NAME/KEY: variation  
80 <222> LOCATION: (182)..(182)  
81 <223> OTHER INFORMATION: C to G (exon 4)  
83 <220> FEATURE:  
84 <221> NAME/KEY: variation  
85 <222> LOCATION: (197)..(197)  
86 <223> OTHER INFORMATION: A to C (exon 4)  
88 <220> FEATURE:  
89 <221> NAME/KEY: variation  
90 <222> LOCATION: (202)..(202)  
91 <223> OTHER INFORMATION: C to T (exon 4)  
93 <220> FEATURE:  
94 <221> NAME/KEY: variation  
95 <222> LOCATION: (208)..(208)  
96 <223> OTHER INFORMATION: G to C (exon 4)  
98 <220> FEATURE:  
99 <221> NAME/KEY: variation  
100 <222> LOCATION: (226)..(226)  
101 <223> OTHER INFORMATION: C to T (exon 4)  
103 <220> FEATURE:  
104 <221> NAME/KEY: variation  
105 <222> LOCATION: (244)..(244)  
106 <223> OTHER INFORMATION: C to A (exon 4)  
108 <220> FEATURE:  
109 <221> NAME/KEY: variation  
110 <222> LOCATION: (250)..(250)  
111 <223> OTHER INFORMATION: C to T (exon 4)  
113 <220> FEATURE:  
114 <221> NAME/KEY: variation  
115 <222> LOCATION: (251)..(251)  
116 <223> OTHER INFORMATION: G to A (exon 4)  
118 <220> FEATURE:  
119 <221> NAME/KEY: variation  
120 <222> LOCATION: (262)..(262)  
121 <223> OTHER INFORMATION: A to C (exon 4)

*g is at 53*

*a is shown at 69*

*g is shown at 115*

*a is at 178*

*a is at 182*

*f is at 202*

*f is at 226*

*a is at 244*

*f is at 250*

*f is at 262*

## RAW SEQUENCE LISTING

DATE: 05/13/2004

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TIME: 12:36:49

Input Set : A:\IRF6.ST25.txt

Output Set: N:\CRF4\05132004\J840139.raw

123 <220> FEATURE:  
 124 <221> NAME/KEY: variation  
 125 <222> LOCATION: (265)..(265) *"T" is at 265*  
 126 <223> OTHER INFORMATION: A to G (exon 4)  
 128 <220> FEATURE:  
 129 <221> NAME/KEY: variation  
 130 <222> LOCATION: (268)..(268)  
 131 <223> OTHER INFORMATION: A to G (exon 4) *"C" is at 268*  
 133 <220> FEATURE:  
 134 <221> NAME/KEY: variation  
 135 <222> LOCATION: (274)..(274)  
 136 <223> OTHER INFORMATION: G to T (exon 4) *"A" is at 274*  
 138 <220> FEATURE:  
 139 <221> NAME/KEY: variation  
 140 <222> LOCATION: (292)..(292)  
 141 <223> OTHER INFORMATION: G to C (exon 4) *"T" is at 292*  
 143 <220> FEATURE:  
 144 <221> NAME/KEY: variation  
 145 <222> LOCATION: (352)..(352)  
 146 <223> OTHER INFORMATION: C to T (exon 4) *"A" is at 352*  
 148 <220> FEATURE:  
 149 <221> NAME/KEY: variation  
 150 <222> LOCATION: (466)..(466)  
 151 <223> OTHER INFORMATION: 466ins(C) (exon 5)  
 153 <220> FEATURE:  
 154 <221> NAME/KEY: variation  
 155 <222> LOCATION: (558)..(558) *"G" is at 558*  
 156 <223> OTHER INFORMATION: C to A (exon 6)  
 158 <220> FEATURE:  
 159 <221> NAME/KEY: variation  
 160 <222> LOCATION: (576)..(576)  
 161 <223> OTHER INFORMATION: G to A (exon 6) *"A" is at 576*  
 163 <220> FEATURE:  
 164 <221> NAME/KEY: variation  
 165 <222> LOCATION: (634)..(634)  
 166 <223> OTHER INFORMATION: 634ins(CCAC) (exon 6)  
 168 <220> FEATURE:  
 169 <221> NAME/KEY: variation  
 170 <222> LOCATION: (657)..(657)  
 171 <223> OTHER INFORMATION: 657del(CTCTCTCCC)ins(TA) (exon 6)  
 173 <220> FEATURE:  
 174 <221> NAME/KEY: variation  
 175 <222> LOCATION: (744)..(744)  
 176 <223> OTHER INFORMATION: 744del(CTGCC) (exon 7)  
 178 <220> FEATURE:  
 179 <221> NAME/KEY: variation  
 180 <222> LOCATION: (749)..(749)  
 181 <223> OTHER INFORMATION: G to A (exon 7) *"C" is at 749*  
 183 <220> FEATURE:

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PATENT APPLICATION: US/10/840,139

DATE: 05/13/2004  
TIME: 12:36:49

Input Set : A:\IRF6.ST25.txt  
Output Set: N:\CRF4\05132004\J840139.raw

184 <221> NAME/KEY: variation  
185 <222> LOCATION: (759)..(759) *Cons at 759*  
186 <223> OTHER INFORMATION: T to A (exon 7)  
188 <220> FEATURE:  
189 <221> NAME/KEY: variation  
190 <222> LOCATION: (795)..(795)  
191 <223> OTHER INFORMATION: 795del(C) (exon 7)  
193 <220> FEATURE:  
194 <221> NAME/KEY: variation  
195 <222> LOCATION: (818)..(818)  
196 <223> OTHER INFORMATION: A to G (exon 7) *"C" in at 818*  
198 <220> FEATURE:  
199 <221> NAME/KEY: variation  
200 <222> LOCATION: (842)..(842)  
201 <223> OTHER INFORMATION: 842del(A) (exon 7)  
203 <220> FEATURE:  
204 <221> NAME/KEY: variation  
205 <222> LOCATION: (870)..(870)  
206 <223> OTHER INFORMATION: 870del(CACTAGCAAGCTGCTGGAC)lns(A) (exon 7)  
208 <220> FEATURE:  
209 <221> NAME/KEY: variation  
210 <222> LOCATION: (881)..(881) *OK*  
211 <223> OTHER INFORMATION: T to C (exon 7)  
213 <220> FEATURE:  
214 <221> NAME/KEY: variation  
215 <222> LOCATION: (889)..(889)  
216 <223> OTHER INFORMATION: G to A (exon 7) *Cons at 889*  
218 <220> FEATURE:  
219 <221> NAME/KEY: variation  
220 <222> LOCATION: (958)..(958) *OK*  
221 <223> OTHER INFORMATION: A to G (exon 7)  
223 <220> FEATURE:  
224 <221> NAME/KEY: variation  
225 <222> LOCATION: (961)..(961) *OK*  
226 <223> OTHER INFORMATION: G to A (exon 7)  
228 <220> FEATURE:  
229 <221> NAME/KEY: variation  
230 <222> LOCATION: (974)..(974)  
231 <223> OTHER INFORMATION: G to A (exon 7) *Cons at 974*  
233 <220> FEATURE:  
234 <221> NAME/KEY: variation  
235 <222> LOCATION: (1034)..(1034) *OK*  
236 <223> OTHER INFORMATION: T to C (exon 7)  
238 <220> FEATURE:  
239 <221> NAME/KEY: variation  
240 <222> LOCATION: (1040)..(1040) *OK*  
241 <223> OTHER INFORMATION: G to T (exon 7)  
243 <220> FEATURE:  
244 <221> NAME/KEY: variation

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PATENT APPLICATION: US/10/840,139

DATE: 05/13/2004  
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Input Set : A:\IRF6.ST25.txt  
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245 <222> LOCATION: (1106)..(1106) ✓  
246 <223> OTHER INFORMATION: T to C (exon 8)  
248 <220> FEATURE:  
249 <221> NAME/KEY: variation  
250 <222> LOCATION: (1122)..(1122) ✓  
251 <223> OTHER INFORMATION: C to G (exon 8)  
253 <220> FEATURE:  
254 <221> NAME/KEY: variation  
255 <222> LOCATION: (1162)..(1162) ✓ *g is at 1162*  
256 <223> OTHER INFORMATION: A to G (exon 8)  
258 <220> FEATURE:  
259 <221> NAME/KEY: variation  
260 <222> LOCATION: (1177)..(1177) ✓ *a is at 1177*  
261 <223> OTHER INFORMATION: C to T (exon 8)  
263 <220> FEATURE:  
264 <221> NAME/KEY: variation  
265 <222> LOCATION: (1234)..(1234) ✓  
266 <223> OTHER INFORMATION: C to T (exon 9)  
268 <220> FEATURE:  
269 <221> NAME/KEY: variation  
270 <222> LOCATION: (1288)..(1288) ✓ *a is at 1288*  
271 <223> OTHER INFORMATION: G to A (exon 9)  
273 <220> FEATURE:  
274 <221> NAME/KEY: variation  
275 <222> LOCATION: (1381)..(1381)  
276 <223> OTHER INFORMATION: 1381ins(C) (exon 9)  
278 <400> SEQUENCE: 1  
279 gagctcggcg cacctgggct gggcaggtaa gggctggtgc gggacggga gaggaaacctg 60  
281 cagtcctctac ttgggtagag ccaggcgccc ctgggctaag acgtcgaagga gctggttagc 120  
283 gacgggtgat ctctgctgcg gacttggttc ggagggaacgt ccgcttctgg tggacagatt 180  
285 gaccaaagaa tctttgagcg gtcaagggaag agacaagccg actctgcaga tccctgtgga 240  
287 cacactgctt gctcttccat acatcgggcc tccgcccccg cagagtccgg cttaaagccct 300  
289 ggctgggtggc ccaggtggat agtggcctct accctgggct catctggcta cacagggact 360  
291 ctaaacgctt ccagattccc tggaaacatg ccaccgga tagccctcaa caagaagagg 420  
293 aaaataccat ttttaaggcc tgggctgtag agacaggga gtaccaggaa ggggtggatg 480  
295 accctgaccc agctaaatgg aaggcccagc tgcgtgtgc tctcaataag agcagagaat 540  
297 tcaacctgat gtatgatgac accaaggagg tgcccatgaa ccagtgaa atatatcaag 600  
299 tgtgtgacat cctcagccc cagggtctga tcattaacc aggatccaca gggctgtctc 660  
301 cctgggatga gaaggataat gatgtggatg aagaagatga ggaagatgag ctggatcagt 720  
303 cgcagcacca tggtcccatc caggacacct tccccttctt gaacatcaat ggttctccca 780  
305 tggcgccagc cagtgtgggc aattgcagtg tgggcaactg cagcccggag gcagtgtggc 840  
307 ccaaaactga acccctggag atggaagtac cccaggcacc tatacagccc ttctatagct 900  
309 ctccagaact gtggatcagc tctctcccaa tgactgacct ggacatcaag tttcagtacc 960  
311 gtgggaagga gtacgggcag accatgaccg tgagcaaccc tcagggtgc cgactcttct 1020  
313 atggggacct ggggtcccatg cctgaccagg aggagctctt tgggtccgtc agcctggagc 1080  
315 aggtcaaatt cccaggtcct gagcatatta ccaatgagaa gcagaagctg ttcactagca 1140  
317 agctgctgga cgatcatggac agaggactga tctctgaggt cagcgggtcat gccatttatg 1200  
319 ccacaggct gtgccagtgc aagggtgact ggtctgggccc atgtgcccga tcaattgttg 1260  
321 ctcccaacct gattgagaga caaaagagg tcaagctatt ttgtctggaa acattcctta 1320

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/840,139

DATE: 05/13/2004

TIME: 12:36:50

Input Set : A:\IRF6.ST25.txt

Output Set: N:\CRF4\05132004\J840139.raw

L:12 M:270 C: Current Application Number differs, Wrong Format

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